

UNITED STATES DEPARTMENT OF AGRICULTURE.
FEDERAL HORTICULTURAL BOARD.
WASHINGTON, D. C.

DEPT. OF ENTOMOLOGY
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NEWS LETTER NO. 9.

Dear Sir:

During the month of April two nests of the brown-tail moth and three egg masses of the European tussock moth were detected on French stock. One egg mass of the latter was also collected on stock coming from Holland. As will be seen from the attached list, many pests of greater or less importance have been detected by various inspectors during the past month.

In order to hasten the appearance of these monthly letters it is earnestly requested that, in so far as possible, reports on inspected material be forwarded at the close of each week. Unfortunately, in some instances it has been necessary to leave out of the news letters pests recorded by inspectors, owing to late arrival of reports.

Yours very truly,

C. L. MARLATT,

Chairman of Board.

List by Countries of Pests Collected.

Name of pest.

Host.

AUSTRALIA.

Disease:

Cladosporium sp.

Fugosia cuneiformis

BELGIUM.

Chrysomphalus dictyospermi (Scale insect)

Palm

Coccus hesperidum (Soft brown scale)

Bay (2)

Diaspis boisduvallii (?) (Scale insect)

Palm

BRAZIL.

Acanthoscelidus sp. (Beetles)

Phaseolus sp. (seed)

Aleyrodes sp. (White fly)

Jaboticaba murta

" " " "

Citrus

Aphis sp.

Bamboo

Aspidiotus hederae (Ivy scale)

Salix sp.

Asterolecanium bambusae (Bamboo scale)

Bamboo

Blatta zamorensis (?) (Roach)

Cactus

Bruchus obtectus (Common bean weevil)

Phaseolus sp.

" sp. (Bean weevil)

" " (seed)

Caryoborus baetris (?) (Beetle)

Copernicia cerifera

Chrysomphalus dictyospermi (Scale insect)

Citrus

"

" " "

Mango

" *personatus* (Masked scale)

Jaboticaba murta

"

" sp. (Scale insect)

Citrus sp.

Coccus hesperidum (Soft brown scale)

Citrus

Curculionid larva

Moquiloa tomentosa

Diaspis pentagona (West Indian peach scale)

Salix sp.

Gryllodis sigillatus (Cricket)

Cactus

Hemichionaspis minor (White scale of cotton)

Aleurites malucanus

"

" " " " "

Citrus

Heteropoda venatoria (Huntsman spider)

In box containing Cassava.

Lasioderma serricorne (Cigarette beetle)

Psidium sp.

"

" " "

Pimenta de Macaco

Leaf hopper

Bamboo

Lepidopterus larvae

Sugar cane

Lepidosaphes beckii (Purple scale)

Citrus sp.

Limacodid (Slug caterpillar)

Psidium

Mites

Psidium sp.

Monomorium floricola (Ants)

Sugar cane

Morganella maskelli (Scale insect)

Citrus sp.

Parlatoria sp. (Scale insect)

Mango

"

" "

Citrus sp.

Periplaneta australis (Australian roach)

Cactus

Pseudoaonidia trilobitiformis (Scale insect)

Jaboticaba murta

Pseudococcus calceolariae (Sugar cane mealy bug)

Sugar cane

Name of pest.	Host.
<u>BRAZIL (Continued).</u>	
Pyralid	Canudo
<i>Saissetia oleae</i> (Black scale)	Citrus sp.
<i>Silvanus surinamensis</i> (Saw-toothed grain beetle)	Favelleira
<i>Sitotroga cerealella</i> (Angoumois grain moth)	Corn
<i>Spermophagus hoffmanneggi</i> (Beetle)	<i>Spondias tuberosa</i>
" sp. (Beetles)	?
<i>Tribolium ferrugineum</i> (Rust-red flour beetle)	Ricinus
<i>Wasemannia auropuncta</i> (Ant)	Sugar cane
Weevil (?)	<i>Zizyphus joazeiro</i>
<i>Xyleborus</i> sp. (Scolytid beetle)	Sugar cane
Diseases:	
<i>Colletotrichum gloeosporioides</i>	Citrus
" sp.	Cactus
<i>Lasiodiplodia</i> sp.	Citrus--Selecta Orange
" "	Citrus
" "	Citrus sp. #15 da Silva select #3
" "	Palmae
" "	<i>Elaeis quineensis</i>
" "	<i>Attalea funifera</i>
<i>Sphacelotheca sorghi</i> (Lk.) Cl. (Smut)	<i>Sorghum vulgare</i>
" " " Cl.? (Smut)	" <i>saccharatum</i>
<i>Tubercularia volutella</i> ?	Salix

BURMA.

Diseases:	
<i>Phyllosticta</i> n. sp.	<i>Coix lachryma-jobi</i> var. <i>typica</i> (2)
" " "	" " " v. <i>monilifera</i>
" " "	" " " v. <i>ma-yuen forma</i>
" " "	" <i>gigantea</i> v. <i>aquatica</i>
" " "	" <i>gigantea</i>

CANADA.

<i>Aspidiottus perniciosus</i> (San Jose scale)	Fruit trees.
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CHINA.

Tree hopper, eggs and punctures of (crescent-like)	<i>Diospyros kaki</i>
" " " " "	" (Cicada-like) " " (2)
Diseases:	
<i>Coniothyrium</i> sp.	" "
" "	<i>Syringa</i> sp.
<i>Cytospora</i> ?	<i>Castanea mollissima</i>
<i>Phoma diospyri</i>	<i>Diospyros kaki</i>

DENMARK.

Curculionid larvae	Acorns of <i>Quercus suber</i>
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Name of pest.

Host.

ECUADOR.

Disease:
Colletotrichum sp.

Cherimoya

ENGLAND.

Aphids (Plant lice) Norway spruce
Mite eggs Abies
Disease:
Bacterium tumefaciens (Crown gall) Fruit trees.

FRANCE.

Apatela auricoma, pupa ?
Aphids (Plant lice) (eggs) ?
" " Thuya orientalis
Chionaspis furfura (Scurfy scale) Crabs
Coccus hesperidum (Soft brown scale) Holly
" " Camellia
Diacrisia virginica (Yellow bear) (pupa) ?
Euproctis chrysorrhoea (Brown-tail moth)(cocoon) Apple stocks (2)
Lepidopterous (larvae) Ornamental Plant
Lepidosaphes ulmi (Oyster-shell scale) Lilac
" " Red Dogwood
Notolophus antiqua (European tussock moth)(eggs) Cydonia japonica
" " " " " Buckthorn
Pupa, unidentified ?
Diseases:
Bacterium tumefaciens (Crown gall) Pear
" " (?) (Crown gall)(?) Weigelia

GERMANY.

Aphids (Plant lice) Camellia
Coccus hesperidum (Soft brown scale) "
Siphonophora sp. (Green aphid) Pelargonium odoratissimum
Disease:
Fungus Roses

HAWAII.

Chrysomphalus ficus (Florida red scale) Palm

Name of pest.

Host.

HOLLAND.

Agelastica alni	Boxwood
Aphids (Plant lice)	Blue spruce
" " "	Rose & Purple Beech
Aphis eggs	?
" "	Apple, plum
Borer, work of	Ash trees
Caterpillar, moults of	Azalea
Crustacea (Sow-bug)	Boxwood
Diaspis carueli (Juniper scale)	Japan golden Juniper
Eriosoma lanigera (Woolly aphid)	Apple, pear.
" " " "	?
Fleabeetle	Boxwood
Jassids	"
Lachnus sp. (Plant louse)	Arbor-vitae
Leaf miner	Boxwood
Lecanium corni (European fruit Lecanium)	" (2)
Lepidopterous pupae	" (2)
Lepidosaphes ulmi (Oyster-shell scale)	" (17)
" " " " "	?
" " " " "	Apple, pear, plum
" " " " "	Evergreen shrubs
" " " " "	" seedlings
Lithobius sp.	Boxwood
Macrogaster (cocoons of)	?
Notolophus antiqua (European tussock moth) (eggs)	Roses (2)
" " " " "	?
Pinnaspis buxi (?) (Scale insect)	Boxwood (4)
Slug	" (2)
Red spider eggs (?)	?
Springtails	Roses
Thyridopteryx sp. (Bagworm)	Boxwood
Tingitid eggs (Lacewing)	Rhododendron (3)
Diseases:	
Bacterium tumefaciens (Crown gall)	Roses
" " " "	Rhododendron
" " " "	Azalea
Botrytis vulgaris (Gray mold)	Daphne
" " " "	Roses
" " " "	Azalea
Fungus	Norway maple
Leaf spot	Andromeda

HUNGARY.

Diseases:	
Botrytis? (Sclerotium of)	Paprika seed
Sclerotinia fuckeliana (apparently the sclerotium of)	Grape cuttings

JAPAN.

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Aleyrodes citri (White fly)	Gardenia.
Antonina crawii (Scale insect)	Bamboo
Aphids (Plant lice)	Maple
Aspidictus sp. (Scale insect)	Sakaki
Borer (Larvae)	Thuya pyramidalis
Ceroplastes ceriferus (Wax scale)	Sakaki
" sp. " "	Persimmon
Chionaspis wistariae (Wistaria scale)	Wistaria
Chrysomphalus ficus (Florida red scale)	Aralia
Eggs of (?)	Cycas
Lecanium sp. (Scale insect)	Sakaki
" " "	Wistaria & Aralia
Lepidopterous larvae	Maple
Mantid Egg Mass	Azalea
Odonaspis secreta (Scale insect)	Bamboo
Orthezia sp. (Scale insect)	Maple & Azalea
Parlatoria pergandei (Chaff scale)	Sakaki
Poliaspis pini (Scale insect)	Pine
Pseudaonidia paeoniae (Scale insect)	Azalea
Pseudococcus sp. (Mealy bug)	Holly & ? (2)
Thyridopteryx ephemeraeformis (Bag worm)	Juniper (2)
Disease:	
Fungus	Azalea

MEXICO.

Diseases:	
Colletotrichum sp.	Cherimoya fruits
Diplodia	" "
Pestalozzia	" "

PERU.

Disease:	
Smut	Barley No. 5

PHILIPPINE ISLANDS.

Chrysomphalus ficus (Florida red scale)	Orchids (2)
" rossi (Scale insect)	" (2)
Mantis egg clusters	"
Moth larvae and pupae	"
" pupae	"
Parlatoria pergandei (Chaff scale)	"
Plant bugs	"
Pseudococcus adonidum (Long-tailed mealy bug)	" (2)
Red spiders	" (2)
Saissetia hemisphaerica (Hemispherical scale)	" (2)
Sow-bugs	" (2)
Thrips sps.	" (2)
Tortoise beetles	"
Tree frogs	"

List by States of Pests Collected.

Name of pest.	Host.	Country of origin.
<u>CALIFORNIA.</u>		
Aleyrodes citri (White fly)	Gardenia	Japan
Antonina crawii (Scale insect)	Bamboo	"
Aphids (Plant lice)	Maple	"
" "	Thuya	"
	orientalis	France
Aspidiotus sp. (Scale insect)	Sakaki	Japan
Ceroplastes ceriferus (Wax scale)	"	"
Chionaspis wistariae (Wistaria scale)	Wistaria	"
Chrysomphalus ficus (Florida red scale)	Orchids	Philippine Islands (2)
" " "	Aralia	Japan
" rossi (Scale insect)	Orchids	Philippine Islands
Coccus hesperidum (Soft Brown Scale)	Camellia	France
Lecanium sp. (Scale insect)	Sakaki	Japan
Lecanium sp. "	Wistaria & Aralia	
Lepidopterous larvae	Maple	Japan
"	Ornamental plant	Japan
Mantis egg clusters	Orchids	Philippine Islands
Moth (larvae & pupae)	"	" (2)
Odonaspis secreta (Scale insect)	Bamboo	Japan
Orthezia sp. (Scale insect)	Maple & Azalea	"
Parlatoria pergandei (Chaff scale)	Sakaki	"
" "	Orchids	Philippine Islands
Plant bugs	"	"
Poliaspis pini (Scale insect)	Pine	Japan
Pseudococcus adonidum (Long-tailed mealy bug)	Orchids	Philippine Islands (2)
Pseudococcus sp. (Mealy bug)	Holly & ?	Japan (2)
Saissetia hemisphaerica (Hemispherical scale)	Orchids	Philippine Islands (2)
Sow bugs	Orchids	" (2)
Red spiders	Orchids	" (2)
Thrips sp.	"	" (2)
Thyridopteryx ephemeraeformis (Bag worm)	Juniper	Japan
Tortoise beetle	Orchids	Philippine Islands.
Tree frogs	Orchids	"

Name of pest.

Host.

Country
of originCONNECTICUT.

Borer, work of	Ash trees	Holland
Lepidosaphes ulmi (Oyster-shell scale)	Boxwood	" (6)
Pupa (unidentified)	?	France
Springtails	Roses	Holland
Disease:		
Sclerotinia fuckeliana (apparently the sclerotium of)	Grape cuttings	Hungary

DISTRICT OF COLUMBIA.

Acanthoscelidis sp. (Beetles)	Phaseolus sp. (seed)	Brazil
Aleyrodes sp. (White fly)	Citrus	"
" " " "	Jaboticaba murta	"
Aphis sp.	Bamboo	"
" eggs	Apple, plum	Holland
" " "		"
Aspidictus hederae (Ivy scale)	Salix sp.	Brazil
Asterolecanium bambusae (Bamboo scale)	Bamboo	"
Blatta zamorensis (?) (Roach)	Cactus	"
Bruchus obtectus (Common bean weevil)	Phaseolus sp.	"
" sp. (Bean weevil)	" " (seed)	"
Caryoborus baetris (?) (Beetle)	Copernicia cerifera	"
Ceroplastes sp. (Wax scale)	Persimmon cuttings	Japan
Chrysomphalus dictyospermi (Scale insect)	Citrus	Brazil
" " "	Mango	"
" personatus (Masked scale)	Jaboticaba murta	"
" sp. (Scale insect)	Citrus sp.	"
Coccus hesperidum (Soft brown scale)		"
Curculionid larva	Moquiloa tomentosa	"
" larvae	Acorns of Quercus suber	Denmark
Diaspis pentagona (West Indian peach scale)	Salix sp.	Brazil
Eriosoma lanigera (Woolly aphis)	Apple, pear	Holland
" " " "	?	"
Gryllodes sigillatus (Cricket)	Cactus	Brazil
Hemichionaspis minor (White scale of cotton)	Aleurites malucanus	"
" " " " "	Citrus	"
Heteropoda venatoria (Huntsman spider)	In box containing Cassava	"
Lasiciderma serricorne (Cigarette beetle)	Pimenta de Macaco	"
" " " "	Psidium sp.	"
Leaf hopper	Bamboo	"
Lepidopterous larvae	Sugar cane	"
Lepidosaphes beckii (Purple scale)	Citrus sp.	"
" ulmi (Oyster-shell scale)	Apple, pear, plum	Holland
" " " " "	?	"
Limacodid (Slug caterpillar)	Psidium	Brazil
Mites	" sp.	"
Monomorium floricola (Ants)	Sugar cane	"
Morganella maskelli (Scale insect)	Citrus sp.	"

DISTRICT OF COLUMBIA. (continued)

Parlatoria sp. (Scale insect)	Citrus sp.	
" " " "	Mango	
Periplaneta australis (Australian roach)	Cactus	"
Pseudaonidia trilobitiformis (Scale insect)	Jaboticaba murta	"
Pseudococcus calceolariae (Sugar cane mealy bug)	Sugar cane	"
Pyralid	Canudo	"
Saissetia oleae (Black scale)	Citrus sp.	"
Silvanus surinamensis (Saw-toothed grain beetle)	Favelleira	"
Siphonophora sp. (Green aphid)	Pelargonium odoratissimum	Germany
Sitotroga cerealella (Angoumois grain moth)	Corn	Brazil
Spermophagus hoffmanneggi (Beetle)	Spondias tuberosa	"
" sp. (Beetles)	?	"
Tree hopper, eggs and punctures of, (crescent-like)	Diospyros kaki	China
Tree hopper, eggs and punctures of (cicada-like)	"	" (2)
Tribolium ferrugineum (Rust-red flour beetle)	Ricinus	Brazil
Wasmannia auropuncta (Ant)	Sugar cane	"
Weevil (?)	Zizyphus joazeiro	"
Xyleborus sp. (Scolytid beetle)	Sugar cane	"
Diseases:		
Botrytis? (Sclerotium of)	Paprika seed	Hungary
Botrytis vulgaris (Gray mold)	Daphne	Holland
" " " "	Roses	"
" " " "	Azalea	"
Cladosporium sp.	Fugosia cuneiformis	Australia
Colletotrichum gloeosporioides	Citrus	Brazil
" sp.	Cherimoya	Ecuador
" "	" fruits	Mexico
" "	Cactus	Brazil
Coniothyrium sp.	Syringa sp.	China
" "	Diospyrus kaki	"
Cytospora?	Castanea mollissima	"
Diplodia	Cherimoya fruits	Mexico
Lasiodiplodia sp.	Attalea funifera	Brazil
" "	Citrus sp. #15 da Silva select #3	"
" "	Citrus--Selecta Orange	"
" "	Citrus	"
" "	Elaeis quineensis	"
" "	Palmae	"
Leaf spot	Andromeda	Holland
Pestalozzia	Cherimoya fruits	Mexico
Phoma diospyri	Diospyrus kaki	China
Phyllosticta n. sp.	Coix gigantea	Burma
" " "	Coix gigantea v. aquatica	"
" " "	Coix lachryma-jobi v. ma-yuen forma	"
" " "	" " monilifera	"
" " "	" var. typica	" (2)
Smut	Barley No. 5.	Peru
Sphacelotheca sorghi (Lk.) Cl.? (Smut)	Sorghum saccharatum-Brazil	
" " Cl. (")	" vulgare	"
Tubercularia volutella?	Salix	"

Name of pest.

Host.

Country
of origin.INDIANA.

**Agelastica alni* Boxwood Holland

KENTUCKY.

**Lachnus* sp. (Plant louse) *Arbor-vitae* Holland
Lepidosaphes ulmi (Oyster-shell scale) *Boxwood* " (2)
 " " " " *Red Twig Dogwood* France

MARYLAND.

**Lepidosaphes ulmi* (Oyster-shell scale) Boxwood Holland

MASSACHUSETTS.

* <i>Aphids</i> (Plant lice)	<i>Blue spruce</i>	Holland
" " "	<i>Norway spruce</i>	England
" " "	<i>Purple Beech</i>	Holland
* <i>Lepidosaphes ulmi</i> (Oyster-shell scale)	<i>Boxwood</i>	Holland (3)
<i>Notolophus antiqua</i> (European tussock moth egg masses)	<i>Roses</i>	Holland (3)
" " " " " " ?		Holland

Diseases:

* <i>Bacterium tumefaciens</i> (Crown gall)	<i>Rhododendron</i>	" (4)
" " " "	<i>Fruit trees</i>	England
" " " "	<i>Roses</i>	Holland
" " " "	<i>Azalea</i>	" (2)

MICHIGAN.

**Apateia auricoma*, pupa of ? France

MISSOURI.

**Diacrisia virginica* (Yellow bear) (pupa) ? France

NEBRASKA.

* <i>Crustacea</i> (Sow-bug)	<i>Boxwood</i>	Holland
<i>Fleabeetle</i>	"	"
<i>Jassids</i>	"	"
<i>Lepidopterous pupae</i>	"	"
<i>Lithobius</i> sp.	"	"
<i>Pinnaspis buxi</i> (?) (Scale insect)	"	" (4)
<i>Slug</i>	"	" (2)

Name of Pest.	Host.	Country of origin.
<u>NEW JERSEY.</u>		
Chrysomphalus dictyospermi (Scale insect)	Palm	Belgium
Coccus hesperidum (Soft brown scale)	Bay	" (3)
Lepidosaphes ulmi (Oyster-shell scale)	Boxwood	Holland
Mantid (Egg mass)	Azalea	Japan
Pseudaonidia paeoniae (Scale insect)	"	"
Tingitid eggs (Lacewing)	Rhododendron	Holland (3)
<u>NEW YORK.</u>		
Aspidictus perniciosus (San Jose scale)	Fruit trees	Canada (2)
Euproctis chrysorrhoea (Brown-tail moth)	" "	France
Macrogaster, cocoons of	?	Holland
<u>OHIO.</u>		
Leaf miner	Boxwood	Holland
Lecanium corni (European fruit Lecanium)	"	"
Lepidosaphes ulmi (Oyster-shell scale)	"	"
" " " " ?		" (2)
" " " " Evergreen seedlings		"
" " " " shrubs		"
Notolophus antiqua (European tussock moth) (eggs)	Buckthorn	France
" " " " Cydonia japonica		"
<u>PENNSYLVANIA.</u>		
Aphids (Plant lice)	Camellia	Germany
" " " (eggs)	?	France
" " " "	Rose	Holland
Borer larvae	Thuya pyramidalis	Japan
Caterpillar, moults of:	Azalea	Holland
Chionaspis furfura (Scurfy scale)	Crabs	France
Coccus hesperidum (Soft brown scale)	Camellia	Germany
Diaspis boisduvallii (?) (Scale insect)	Palm	Belgium
" carueli (Juniper scale)	Japan golden Juniper	Holland
Eggs of (?)	Cycas stems	Japan
Euproctis chrysorrhoea (Brown-tail moth) (Cocoon)	Apple stocks	France
Lecanium corni (European fruit Lecanium)	Boxwood	Holland
Lepidopterous pupa	"	"
Lepidosaphes ulmi (Oyster-shell scale)	Lilac	France
" " " " "	Boxwood	Holland (4)
Mite eggs	Abies	England
Red spider eggs (?)	?	Holland
Thyridopteryx sp. (Bagworm)	Boxwood	"

Name of pest.	Host.	Country of origin.
<u>PENNSYLVANIA (Continued).</u>		
Diseases:		
Fungus	Norway maple	Holland
"	Roses	Germany
"	Azalea	Japan
"	Rhododendron	Holland
(Canker)	American Linden	"

UTAH.

Diseases:			
Bacterium tumefaciens (?) (Crown gall) (?)	Weigelia	France	
Bacterium tumefaciens (Crown gall)	Pear	"	

WASHINGTON.

Chrysomphalus ficus (Florida red scale)	Palm	Hawaii
Coccus hesperidum (Soft brown scale)	Holly	France